

GAISLER, Josef, MUDr.

Experiences in school medical service in the district. Cesk.
zdravot. 5 no.2:100-103 Feb 57.

1. Okresni ustav narodniho zdravi v Hradci Kralove.
(PUBLIC HEALTH,
school med. serv., district organiz. (Cz))

82504

5.110

Z/008/60/000/08/002/002
E142/E535

AUTHORS: Deml, F. and Gaislova, V.
TITLE: Preparation of High-Purity Arsenic I. Purification of
Arsenic Trichloride
PERIODICAL: Chemické listy, 1960, No.8, pp.846-849

TEXT: High-purity arsenic is used during the preparation of semiconductors and also for the manufacture of some intermetallic compounds of the type $A^{III}B^V$. A high degree of purity is required as it affects the electrical properties of the substances. Pure arsenic is obtained by the thermal decomposition of arsenic trichloride in hydrogen. The authors describe an extraction method for separating traces of admixtures, especially of Sb, Fe and Cu from the compound. When arsenic trichloride is extracted with hydrochloric or sulphuric acid, most of the impurities go over into the liquid phase; arsenic trichloride itself is only moderately miscible with these acids. The systems $HCl/AsCl_3$ and $H_2SO_4/AsCl_3$ were found most satisfactory as they have a sufficiently high capacity, they have different densities, a sufficiently high separation coefficient and equilibrium is

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Z/008/60/000/08/002/002
E142/E535**Preparation of High-Purity Arsenic I. Purification of Arsenic Trichloride**

attained after a very short time. The preparation of the compound, the determination of its solubility in 10N-HCl and 10-12N H₂SO₄ are described, and graphs showing the percentage loss of AsCl₃ during extraction with the two acids (Figs. 1 and 2) are given. The method was tested by admixing Fe^{III}, Cu^{II} and Sb^{III} chlorides to arsenic trichloride and then extracting impure chloride by using the above method. The content of impurities was determined by qualitative spectral analysis; the sample containing Fe, Cu and Sb admixtures was subjected to quantitative analysis. Table 1 gives data on the amount of admixtures in the upper phase (in weight percent); Table 2 gives results of the spectral analysis and Table 3 the dependence of the number of extraction stages on the separation coefficient. It was found that high-purity arsenic containing approximately 10⁻²% impurities could be obtained from the starting material by two extractions only. This process gives a higher degree of extraction than that obtained by the distillation method and can

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Z/008/60/000/08/002/002
E142/E535

Preparation of High-Purity Arsenic I. Purification of Arsenic Trichloride

be carried out more expediently. Acknowledgments are expressed to Engineer E. Rubes for his interest and support and to Mrs. M. Musilova for carrying out the analyses. There are 3 figures, 3 tables and 8 references: 1 Czech, 3 Japanese, 3 German and 1 English.

ASSOCIATION: Výzkumný ústav sdělovací techniky A. S. Popova, Praha
(Telecommunications Research Institute "A. S. Popov",
Prague)

SUBMITTED: January 11, 1960

Card 3/3

CAIT, G.

CAIT, G. Economical operation of electric heating furnaces. II. p. 477.
First Conference on Building Mechanics. p. 480.

Vol. 8, No. 12, Dec. 1955.

MAGYAR ENERGIAGAZDASAG.

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

Gaita, I.

RUMANIA

ANCUSA, M., MD; ROSCOVANU, A.; TELEGUT, M.; GAITA, I.

Section of Communal Hygiene of the Institute of Hygiene of
the R.P.R., Timisoara Branch (Sectia de igiena comunala a
Institutului de igiena R.P.R., Filiala Timisoara) - (for all)

Bucharest, Igiena, Vol XII, No 1, Jan-Feb 63, pp 71-78.

"Changes due to Phenol in the Taste and Smell of Drinking Water
from a Central Supply Station of Drinking Water."

(4)

RUMANIA

GAITAN, Gh., Col, Dr [affiliation not given]

"The Life and Work of Professor Gheorghe Marinescu."

Bucharest, Revista Sanitara Militara, Vol 59, No 3, May-Jun 63,
pp 427-438.

Abstract: A historical biographical account of the life and activities of Prof. Marinescu, who was born in 1863 and died in May 1938. The founder of Rumanian neurology, he is also considered one of the leaders in establishing neurology as a distinct science.

1/1

20

L 63421-65

ACCESSION NR: AP5023257

RU/0012/64/000/005/0871/0880

15

f)

AUTHOR: Gaitan, Gh. (Doctor, Colonel)

TITLE: Contribution of the unit physician to the diagnosis and determination of the medical-military condition of neuro-psychiatric patients.

SOURCE: Revista sanitara militara, no. 5, 1964, 671-680

TOPIC TAGS: psychoneurotic disorder, nervous system disease

ABSTRACT: The author shows the importance of amnestic data in the diagnosis of neuropsychiatric disorders and the information which unit physicians should report to the specialized personnel in case of various disorders, including paralysis of the peripheral nervous system, brain tumors, acute cerebro-vascular and meningo-encephalitic syndromes, head injuries, etc.

ASSOCIATION: none

1/2

L 63424-65

ACCESSION NR: AP5023257

SUBMITTED: 00

ENCL: 00

SUB COM: 18

NR REF SOV: 000

OTHER: 000

JERS

KC
2/2

GAITANDJIEV, S. [Gaitandzhiev, S.]

β, β, β' -Trichloro- α -hydroxyethylamides of some chlorinated phenoxyacetic acids. Doklady BAN 16 no.1:45-48 '63.

1. Submitted by Corresponding Member A. Spassov [Spassov, A.].

GAITANDZHIEV, Georgi; KOLEV, Kol'o; OGNIANOV, Dimitur, KHRISTOFOROV,
Liubomir.

Quality of the anthrax vaccine produced in Bulgaria, and
results of its application after the Max Sterne method.
Selskostop nauka i no.10:1131-1140 '62.

GAITANDZHIEV, St.; KARANOV, Em.

Chemical structure and physiological activity of certain
regulators of growth. Priroda Bulg 12 no. 6:60-66 N-D '63.

ATANASOV, A.; STOICHEVA, N.; GAITANDZHIEV, A.

On rectal basal anesthesia in pediatric anaesthetic practice.
Khirurgiia (Sofia) 19 no.5:581-5' 5 '8

1. Vissh meditsinski institut "N. Toshew" - Devnya. Raker
po propedevtika na khirurgichnite zabolievaniya (rukoveditel
na katedrata prof. N. Toshew).

KARANOV, Em.; GAITANDZHIEV, St.

Beta, beta, beta-trichloro--alpha-hydroxyethylamide of some chlorinated phenoxyacetic acids as growth regulators. I. Chemical structure and physiological activity. Izv. inst. biol. Popov (Sofia) 13:105-120 '63.

GAITANDZHIEV, T.

"Cholera (Pestis Avium) in Wild Birds." p.39
(GORSKO STOPANSTVO Vol. 9, no. 1, Jan. 1953 Sofiya, Bulgaria)

S0: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 9,
Oct. 1953, Uncl.

ACC NR: AP6035699

(A)

SOURCE CODE: UR/0413/66/000/019/0046/0046

INVENTOR: Gaitman, S. A.; Perepelov, B. M.; Ruvinskij, L. G.; Pivnik, Ye. D.; Petrova, G. N.

ORG: none

TITLE: Method of producing electrodes for chemical current sources. Class 21,
No. 186535

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 46

TOPIC TAGS: electrode^{design}, storage battery

ABSTRACT: An Author Certificate has been issued for a method of producing positive electrodes of the fluosilicic system by galvanically depositing protective and active coatings on iron tape. The electrodes are then stamped and the coatings removed from the current-conducting part of the base by plunging them into an aqueous solution of acetic or nitric acid and hydrogen peroxide, then rinsing them in water before and after depositing the solder. To reduce spashing of electrolyte and to improve operating conditions, an admixture of isoamyl alcohol in a quantity of 10 cm³ per liter of solution is introduced into this water solution.

SUB CODE: 09, 10 / SUBM DATE: 17May64 /

Card 1/1

UDC: 621.3.035.2.002.2

GALUSHKINA, N.A., kand. ekon. nauk; GAITSKHOKI, N.I.

Some problems of the management of mills of the oil and fat industry. Masl.-zhir.prom. 24 no.5:1-4 '58. (MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Oil industries)

6-AUTSHTOVL 51

57

PHASE I BOOK EXPLOITATION SOV/5460

Leningradskiy metallicheskij zavod. Otdel tekhnicheskoy informatsii.

Nekotoryye voprosy tekhnologii proizvodstva turbin (Certain Problems in the Manufacture of Turbines) Moscow, Mashgiz, 1960. 398 p.
(Series: Itu: Trudy, vyp. 7) Errata slip inserted. 2,100 copies printed.

Sponsoring Agency: RSFSR. Sovet narodnogo khozyaystva Leningradskogo ekonomicheskogo administrativnogo rayona, Upravleniye tyazhelogo mashinostroyeniya, and Leningradskiy dvazhdy ordena Lenina metallicheskij zavod. Otdel tekhnicheskoy informatsii.

Ed. (Title page): G. A. Drobilko; Editorial Board: Resp. Ed.: G. A. Drobilko, B. A. Glebov, A. M. Mayzel', and M. Kh. Kernik; Tech. Ed.: A. I. Kontorovich; Managing Ed. for Literature on Machine-Building Technology: Ye. P. Naumov, Engineer, Leningrad Department, Mashgiz.

PURPOSE: This collection of articles is intended for technical personnel in turbine plants, institutes, planning organisations, as well as for production innovators.

Card=1/12

Certain Problems (Cont.)

SOV/5460
57

COVERAGE: The experience of the LIMZ (Leningradskiy metallicheskij zavod - Leningrad Metalworking Plant) in the manufacture of modern large-capacity turbines is presented. Methods for the rationalization of basic manufacturing processes and for the mechanization and automation of manual operations are given. Descriptions of attachments and tools designed by LIMZ for improving labor productivity and product quality are provided, and advanced inspection methods discussed. References accompany some articles. No personalities are mentioned. There are 26 references: 25 Soviet and 1 English.

TABLE OF CONTENTS:

Foreword

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I. NEW PROCESSING METHODS IN MACHINING
AND ASSEMBLY

Gamze, Z. M. [Engineer]. The Organization, Methods, and Trends in Efforts for Improving the Easy Manufacturability of Designs for Large Hydraulic Turbines

5

Card 2/12

Certain Problems (Cont.)	SOV/5460
Gaitskhoki, S. I. [Engineer]. The Mechanization of Manual Operations in Hydraulic-Turbine Production	129
Mayzel', A. M. [Engineer]. A Multiposition Impact Wrench	137
Turchaninov, V. A. [Engineer]. A Hydropneumatic Lever-Type Wrench With Automatically Repeated Working [and Idle] Movements	147
Vakhter, M. L. [Engineer]. Mechanizing the Peening of the Rivets of Steam-Turbine Disks	156
Mayzel', A. M. [Engineer]. High-Productivity Mechanisms and Devices for Assembly Operations in Steam-Turbine Building	160
Vakhter, M. L. [Engineer]. The Grinding of Thin [Metal] Sheets	183
Kotik, I. M. [Engineer]. Automation of High-Frequency Surface Preheating of Parts for Hardening	185

Card 5/12

S/123/61/000/014/016/045
A004/A101

AUTHOR: Gaitskhoki, S. I.

TITLE: Mechanization of manual work in hydraulic turbine production

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 14, 1961, 6, abstract 14B29 (V sb. "Nekotoryye vopr. tekhnol. proiz-va turbin". [Tr. Leningr. metallich. z-da, no. 7]. Moscow-Leningrad, 1960, 129-136)

TEXT: Owing to mechanization the total labor consumption of manual work in the manufacture of turbines at the Leningradskiy metallichесkiy zavod (Leningrad Metallichесkiy Plant) was reduced by a factor of 2.64. This was achieved because of the introduction of specialized machine tools intended for the machining of the curved surfaces of the blade feather of rotary-blade turbines, internal and plane grinding instead of lapping when processing casing and sleeves, slide valves, damper barrels, blade levers and other parts. Pressing-on during the assembly of the units is carried out by loading, cooling with artificial ice or liquid nitrogen, with the aid of servo-motors etc. The author describes an installation for the mechanization of hydraulic testing and pneumatic devices

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Mechanization of manual work ...

S/123/61/000/014/016/045
A004/A101

for the fitting of bolts, screwing-in of screws, threading, reaming of holes etc. There are 8 figures and 5 references.

L. Bozin

[Abstracter's note: Complete translation]

Card 2/2

GAIU, E., conf.

Pseudo-orthogonal matricea. Gaz mat fiz 15 no.6:292-298 Je '63.

1. Institutul perfectionarii cadrelor didactice, Iasi.

BECK, Mihaly; GAIZER, Ferenc

Stability of mercury (II)-cyanide-halogenide mixed complexes. Magy kem folyoir 69 no.12:555-559 D'63.

~~Stability of mercury (II)-cyanide-halogenide mixed complexes in dioxane.~~ 560-561

1. Jozsef Attila Tudomanyegyetem Szervetlen- es Analitikai Kemial Tanszke, Szeged; Reakciokinetikai Akademiai Kutato Csoport.

BURGER, Kalman; GAIZER, Ferenc; SCHULEK, Elemer

Application of bromine chlorine in analytical chemistry; determination of hydroxylamine; investigation of the reaction occurring between bromate and hydrochloric acid. Magy kem folyoir 67 no.4; 173-175 Ap '61.

1. Eotvos Lorand Tudomanyegyetem Szervetlen es analitikai Kemial Tanszeke, Budapest.

BECK, Mihaly; GAIZER, Ferenc

Interaction of mercury(II)-iodide and Bismuth(III)-iodide in the dimethylformamide solution; a preliminary communication. Magy kem folyoir 70 no.5:232-233 My '64.

1. Chair of Inorganic and Analytic Chemistry, Attila Jozsef University, Szeged.

L 63695-65 EPA(s)-2/EMP(j)/T/EMP(t)/EMP(b) IJP(o) JD/JG

ACCESSION NR: AT5022238

HU/2502/64/0041/0004/0423/0430

AUTHOR: Beck, Mihaly T. (Bek, M.T.) (Doctor) (Szeged); Gainer, Ferenc (Gainer, F.) (Doctor) (Szeged)

TITLE: Stability of mercury (II) cyanide-halide mixed complexes

SOURCE: Academiae scientiarum hungaricae. Acta chimica, v. 41, no. 4, 1964.
423-430

TOPIC TAGS: spectrophotometry, mercury compound

ABSTRACT: Spectrophotometric investigations on the disproportionation of mixed mercury (II) cyanide-halide complexes showed that there is a linear relation between the logarithms of the equilibrium constant and the difference of the logarithms of the stability products of the parent complexes. The equilibrium constants of these mixed complexes are lower than those of mixed mercury (II) halide-halide complexes. Orig. art. has: 15 formulas, 1 table, 17 graphs.

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L 63695-65

ACCESSION NR: AT5022238

ASSOCIATION: Reaction Kinetical Research Group of the Hungarian Academy of Sciences, Szeged; Institute of Inorganic and Analytical Chemistry, The University, Szeged

SUBMITTED: 22Apr64

ENCL: 00

SUB CODE: IC OP

NR REF Sov: 000

OTHER: 007

JPRS

dm
Card 2/2

GAIZLER, Gyula, dr.

A new method of functional diagnosis of the cervical spine. Magy.
radiol. 6 no.4:167-169 Oct 54.

1. A nyiregyhazi SzMK rendelo Intezet (igazgato: Salamon Istvan dr.)
rontgenosztalyanak kozlemenye.
(SPINE, radiography
cervical, new method)

GAIZLER Gy.

ROKA, Gyula, dr.; GAIZLER, Gyula, Jr., dr., ifj.

Improvement in the results of cholangiography with biligraffin,
by means of compression methods. Magy. radiol. 7 no.4:246-248
Oct 55.

1. Debreceni Orvostudomanyi Egyetem II. sz. Belklinikaja
(Igazgato: Petranyi, Gyula dr. egyetemi tanar) Rontgen-
laboratoriumnak (vezeto: Roka, Gyula dr.) kozlemenye.

(BILIARY TRACT. radiography

cholangiography, intravenous, with sodium iodipamide,
improved method with compression of hypochondrium.)

GAIZLER Gy.

ROKA, Gyula, dr., es ifj.; GAIZLER, Gyula, dr.

Tomography of intervertebral foramina; I. Cervical vertebrae.
Orv. hetil. 97 no.14:383-385 1 Apr 56.

1. A Debreceni Orvostudomanyi Egyetem II. sz. Belklinika
(igazgato: Petranyi, Gyula dr. egyet. tanar) Rontgenintezetenek
(vezeto: Roka, Gyula dr.) es a Hajdu Bihar Megyei Tanacs
Rendelointezet (vezeto-foorvos: Szerenyi, Lenke dr.) Rontgen
Laboratoriumnak (foorvos: Imre, Gabor dr.) koszlemense.

(SPINE, radiography
tomography of cervical intervertebral foramina (Hun))
(ROENTGENOGRAPHY
same)

GAIZLER, Gyula, Sr., dr.; GAIZLER, Gyula, Jr., dr.

Method for making tomographic picture series. Orv. hetil. 97
no. 28:783-785 8 July 56.

1. A Debreceni Orvostud. Egyetem II. Belgyogyaszati Klinikaja
(igaz. Petranyi, Gyula dr., egyet. tanar) Rontgen Osztalyanak
(vezeto: Roka, Gyula dr.) es Korhazi Rontgen. Laboratorium kosl.
(ROENTGENOGRAPHY, appar. & instruments

cassette holder in making tomographic picture series.
(Hun))

(ANGIOGRAPHY, appar. & instruments

cassette holder in making angiographic picture series.
(Hun))

PROHLICH, Lorant, Dr.; GAIZLER, Gyula, Dr.; SZURDOKI, Zoltan, Dr.

Some problems of the x-ray diagnosis of the lumbosacral region. Orv. hetil.
100 no.9:323-327 1 Mar 59.

1. Az Orszagos Reuma es Furdougyi Intezet (igazgato foorvos: Markas Karoly dr.) es Orszagos Balneologiai Kutato Intezet (igazgato: Schulhof Odon dr.)
III. ep. Rontgen.-laboratoriumok es a Fovarosi Furdoigazgatosag (igazgato foorvos: Chatel Andor dr.) kozlemenye.

(BACK, radiography
lumbo-sacral region (Hun))

KOSZTOLNYIK, Jozsef, dr.; TAKACS, Bela, dr.; SZATMARI, Marianna, dr.;
GAIZLER, Gyula ifj., dr.

The use of chloroquine derivatives in the therapy of spondy-
larthritis ankylopoietica and arthropathia psoriatica. Orv.
hetil 100 no.44:1574-1579 N '59.

1. Az Orszagos Reuma es Furdougyi Intezet (igazgato: Parkas
Karoly dr.) reuma G osztalyanak (foorvos: Schmitt Pal dr.
[deceased]) az Orszagos Balneologial intezet (igazgato:
Schulhof Odon dr.) rontgen osztalyanak es a XIII. ker. Tanacs
Rendelointezetenek (igazgato: Szekely Odon dr.) kozlemenye.
(SPOUNDYLITIS, ANKYLOSING ther.)
(PSORIASIS compl.)
(JOINTS dis.)
(CHLOROQUINE ther.)

GAIZLER, Gyula, dr.sen.; GAIZLER, Gyula, dr. jun.

Endocistobil. A new contrast medium for cholecystography and cholangiography. Orv. hetil. 103 no.43:2036 28 0 '62.

1. Paradi Altami Gyogyfurdokorhaz, Rontgenosztaly.
(CONTRAST MEDIA) (CHOLANGIOGRAPHY)
(CHOLECYSTOGRAPHY)

GAIZLER, Gyula, dr.sen.; GAIZLER, Gyula, dr. jun.

Endocistobil. A new contrast medium for cholecystography and cholangiography. Orv. hetil. 103 no.43:2036 28 0 '62.

1. Paradi Altami Gyogyfurdokorhaz, Rontgenosztaly.
(CONTRAST MEDIA) (CHOLANGIOPHARY)
(CHOLECYSTOGRAPHY)

SEDZIMIR, Jerzy; GAJ, Andrzej; KUBISZ, Krzysztof

A simple method of determining amount of barium, calcium, and sodium
in alloys with lead. Chem anal 4 no.5/6:869-875 '59. (EEAI 9:9)

1. Katedra Chemii Fizycznej i Elektrochemii Akademii Gorniczo-
Hutniczej, Krakow
(Borium) (Calcium) (Sodium) (Lead)

P/038/60/005/004/002/002
A076/A126

AUTHORS: Suski, Leszek, and Gaj, Andrzej

TITLE: Electrolytic co-deposition of barium and sodium from their fused chlorides on a molten lead cathode

PERIODICAL: Archiwum hutnictwa, v. 5, 4, 1960, 345 - 361

TEXT: In the electrolysis of fused $\text{BaCl}_2\text{-NaCl-KCl}$ mixtures with a molten lead cathode at 650°C, the relative amounts of barium and sodium have been determined. It has been found experimentally that during the electrolysis of such a ternary system only barium and sodium are produced, the amount of potassium being negligible. Three melts have been used during the investigations:

	Melt I	Melt II	Melt III
BaCl_2	15 mol %	25 mol %	35 mol %
NaCl	60 mol %	50 mol %	40 mol %
KCl	25 mol %	25 mol %	25 mol %

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Electrolytic co-deposition of barium ...

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In each melt the number of the produced gram-equivalents of barium and sodium in dependence on the cathode current density has been determined; the latter has been changed in respective experiments within the range of 0.03 - 1.0 a/cm². A ceramic crucible served as an electrolyser and 40 g of lead was placed on the bottom of it. The crucible was filled with a molten electrolyte and a carbon anode was submerged. The lead on the bottom acted as a cathode and an iron cable with a ceramic coating supplied current. The composition of alloys produced by electrolysis has been compared with that of alloys obtained in a chemical reaction between a Pb-Na alloy and a melt such as used in the electrolysis:



The analysis has shown that the numbers of gram-equivalents of barium and sodium, introduced by means of electrolysis to the Pb-cathode, are definitely depending on the electrolysis current density. Thus it follows that the ratio of Ba gram-equivalents to those of Na depends on the rate of the electrode process, i.e., it is ruled by kinetic factors. According to other

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Electrolytic co-deposition of barium ...

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A076/A126

scientists (Ref.17) this ratio is governed only by the thermodynamic equilibrium in the system. It seems that the following kinetic factors affect the composition of the alloy: the transport rate of Na^+ and Ba^{++} ions towards the electrode and that of the produced metal into the electrode; kinetics of possible secondary reactions between the produced metal and the fused electrolyte. Investigations of alloys obtained in a chemical reaction have shown that the sum of Ba and Na gram-equivalents after the reaction is lower than the number of gram-equivalents of Na in the Pb-alloy before the reaction. The losses should be explained by the solubility of those metals in the melt. The final conclusion is that the composition of an alloy of two metals, an alkaline one with an alkaline earth, introduced into molten lead by means of the electrolysis of fused chlorides, depends on the kinetic conditions of the cathodic process and the secondary chemical process. There are 4 tables, 5 figures, and 24 references: 10 Soviet-bloc and 14 non-Soviet-bloc.

ASSOCIATION: Katedra Chemii Fizycznej i Elektrochemii AGH, Kraków
(Department of Physical Chemistry and Electro Chemistry AGH,
Kraków)

Card 3/3

GAJ, E.

GAJ, E. Some remarks concerning the Goczalkowice aqueduct. p. 400.
Vol. 16, no. 9, Sept. 1956. GOSFODARKA WODNA. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL), Vol. 6, No. 4--April 1957

GAJ, E.

TECHNOLOGY

PERIODICAL: GOSPODARKA WODNA. Vol. 18, no. 6, June 1958

GAJ, E. Assembly of the reinforced-concrete pipeline in Goczalkowice. p. 265.

Monthly List of East European Accesions (EEAI) LC Vol. 6, no. 4.

April 1959, Unclass

GAJ, E.

TEHNOLOGY

PERIODICAL: GOSFODARKA WODNA. Vol. 18, no. 8, Aug. 1958

GAJ, E. Reinforced-concrete pipeline construction at Goczalkowice,,p. 362.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4.

April 1959, Unclass

(47) 3, 3.
JAKIMOWICZ, Wladyslaw; BANACHOWSKA, F., (Gdansk); DOBROWOLSKA, B. J.;
GOLDSZTAJN, M., (Krakow); CZARSKI, Z., (Lublin); KUBERSKI, Z.;
SULAT, H.; SZULC, J., (Lodz); ZIENKIEWICZ, W.; SIEDL-
KOLODZIEJOWA, A., (Poznan); MICHALOWICZ, R., (Szczecin);
DOWGIALLO, M.; PUCILOWSKA, K., (Warszawa); GAJ, J., (Wroclaw);
CHLOPICKI, Wl., (Zabrze).

Diagnostic statistics from neurological clinics during 1953.
Neur. &c. polska 6 no.4:479-486 July-Aug 56.

(NERVOUS SYSTEM, dis.
diag. statist. (Pol))

EXCERPTA MEDICA Sec 8 Vol 12/9 Neurology Sept 59

4431. ON THE SO-CALLED 'DYSTASIA AREFLEXICA HEREDITARIA' - O tzw.
'dystasia areflexica hereditaria' - Gal J. and Rudkowska A. Klin. Chor.
Nerw., Wrocław - NEUROL. NEUROCHIR. PSYCHIAT. POL. 1958, 8/3 (339-
348)

- Five patients with symptoms resembling Roussey-Levy disease as well as Friedreich's hereditary ataxia and Charcot-Marie-Tooth neuropathic muscular atrophy were under clinical observation. The authors are inclined not to include Roussey-Levy disease in the group of Friedreich's hereditary ataxia or neuropathic muscular

4431

ar atrophy but to isolate it as a pathologic entity and at the same time propose a new term, hereditary dystasia, due to posterior cords' lesion, which includes most of the symptoms and signs of the disease. Zakrzewska - Warsaw (VIII, 1*)

GAJ, K.

TECHNOLOGY

PERIODICAL: MECHANIK, Vol. 32, no. 1, Jan. 1959.

GAJ, K. Rotary metal peening. p. 12.

Monthly List of EastEuropean Accessions (EEAI) LC Vol. 8, No.4
April, 1959, Unclass.

GAJ, M.

GAJ, M. Usefulness of vacuum pumps in the process of the mechanical draining of web
in a paper machine. Pt. 1. p. 159

Vol. 12, no. 6, June 1956
PRZEGIAD PAPIERNICZY
TECHNOLOGY
Lodz, Poland

So: East European Accession Vol. 6, no. 2, 1957

GAJ-MIRON, C.I.
POLAND/Optics - Optical Technology

K-4

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 18927

Author : Gaj Miron

Inst : Not Given

Title : Construction of Projection Oculars

Orig Pub : Pomiary, automat., kontrola, 1957, 3, No 2, 71-74

Abstract : Results are given of the calculation of oculars for microscope having a reduced curvature of the field, and having a simpler construction than the Homali construction (Zeiss), or else they have the same construction as the Homali, but have a correction of still another aberration. A procedure for calculating negative oculars is given.

Card : 1/1

Gaj Miron, Cz. I.

POLAND/Optics - Optical Technology

K-4

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 11629

Author : Cz. I. Gaj Miron

Inst : Not Given

Title : Photographic Mirror-Lens Objectives, Part I.

Orig Pub : Pomiary, automat., kontrola, 1957, 3, No 6, 235-238

Abstract : The author examines the general properties of mirror-lens objectives. The lens with one silvered surface (Mangin mirror) can be corrected with respect to spherical aberration, but this gives rise to chromatism while the comma, astigmatism and the curvature of the field are greater than in the case of a simple spherical mirror. The law of sines can be satisfied by placing near the focus of the Mangin mirror a positive lens; the curvature of the field is corrected with the aid of a Smith lens. Chromatism can be corrected with the aid of a lens placed in the parallel beam ahead of the Mangin mirror. The more complicated Weidert system of aplanatic and anastigmatic mirror-lens system can operate with a relative aperture

Card : 1/2

POLAND/Optics - Optical Technology
APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000614010014-4"

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 18914

Author : Gaj Miron

Inst : Not Given

Title : Photographic Mirror-Lens Objectives, Part II.

Orig Pub : Pomiary, automat., kontrola, 1957, 3, No 8, 311-315

Abstract : A detailed description is given of a procedure for calculating mirror-lens objectives with an afocal double-lens compensator, placed in a parallel beam of rays. The author considers cases of the application of a compensator with a single spherical mirror and in a system of two mirrors. Conditions are derived for the corrections of third-order aberrations in systems with afocal compensator under the following assumptions: (1) both lenses of the compensator are made of the same kind of glass, (2) the thickness of the lenses can be neglected, (3) the compensator is placed in the plane of the entrance pupil of the system. Numerical examples are given. For part I see Referat Zhur Fizika, 1958, No 5, 11629.

Card : 1/1

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000614010014-4

Poland/Optics - Optical Technology

K-4

Abs Jour : Rof Zhur - Fizika, No 11, 1958, No 26147

Author : Gaj Miron

Inst : Not Given

Title : Mirror Objectives

Orig Pub : Postopy fiz., 1957, 8, No 6, 691-698

Abstract : Description of thin and mirror-lens photographic objectives, information on which has been published up to 1950. The optical diagrams and the aberration curves are given for each.

Card # 1/1

45

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000614010014-4"

151,

Usefulness of vacuum pumps in the process of the mechanical draining of web in a paper machine. It. 2.

P. 37. (PRZEGŁAD PAPIERNICZY) (Lodz, Poland) Vol. 13, no. 2, Feb. 1957

SO: Monthly Index of East European Accession (EFAI) LC Vol. 7, No. 5, 1958

Gaj Miron

POLAND/Optics - Geometrical Optics

K-2

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 28491

Author : Gaj Miron

Inst : Not Given

Title : Aplanatic Mirror Systems with Positive Distance of the Image
From the First Mirror.

Orig Pub : Pomiary, autom., kontrola, 1958, 4, No 1, 10-13

Abstract : General expressions are given for third-order aberrations of optical systems with aspherical surfaces. Many two-mirror systems with a curved first mirror, corrected with respect to spherical aberrations and coma are described. Tables for the construction elements and for the Seidel sums are given for these systems.

Card : 1/1

POLAND/Optics - Geometrical Optics.

K

Abs Jour : Ref Zhur Fizika, N. 8, 1959, 18893

Author : Gaj, Miron

Inst : -

Title : Aplanatic Systems of Spherical Mirrors.

Orig Pub : Pomiary, automnt., kontrola, 1958; 4, № 9, 415-417

Abstract : Based on the general theory of third-order aberrations, the author derives the condition of aplanatism of a system of two spherical mirrors for arbitrary position of the object plane and shows that these mirrors should be concentric. Two examples are given for the calculation of such systems -- a dark-field condenser (object at infinity) and a microscope objective (magnification 5x, aperture approximately 0.4). -- I.V. Peysakhson

Card 1/1

POLAND/Optics - Geometrical Optics.

K

Abs Jour : Ref Zhur Fizika, No 12, 1959, 28355

Author : Gaj, Miron

Inst : The Polytechnic Institute, Wroclaw, Poland

Title : Aspherical Surfaces in Systems without Symmetry Axes

Orig Pub : Postepy fiz., 1958, 9, No 6, 643-651

Abstract : Survey article. The following are considered: the application of aspherical surfaces in optical systems, having two symmetry planes; illuminating systems with cylindrical Fresnel lenses, cylindrical, toroidal, and cylindrical-toroidal eyepieces; anamorphotic systems, employed in motion picture photography. Anamorphic attachments of the Volosov and Pachatnikova system of the Bifokator type are described in detail. Bibliography, 20 titles. -- I.V. Peysakhson

Card 1/1

- 109 -

GAJ, M.

An apochromatic telescopic eyepiece. p. 105

POMIARY, AUTOMATYKA, CONTROLA. (Naczelnna Organizacja Techniczna)
Warszawa, Poland. Vol. 5, no. 3, Mar. 1959.

Monthly list of East European Accession (EEAL) LC, Vol. 8, no. 7, July 1959
Uncl.

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000614010014-4

GAJ, Miron

Astronomical optical systems. Postepy astronom 8 no.4:211-237 '60

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000614010014-4"

GAJ, Miron

Contrast reduction in optical systems. Postepy fizyki 12 no.2:173-195
'61.

1. Politechnika Wroclawska, Wroclaw.

GAJ, Miron, dr., adiunkt

Change of contrast for mirror objectives with diaphragming.
Fizyka Wroclaw 3 no.48:9-22 '61.

1. Katedra Fizyki Politechniki Wrocławskiej, Redaktor zeszytu
"Fizyka."

GAJ, Miron, dr., adiunkt

The influence of the inclination of a light beam on the decrease
in contrast. Fizyka Wrocław 3 no.48:23-36 '61.

1. Katedra Fizyki Politechniki Wrocławskiej, Redaktor Zeszytu
"Fizyka."

GAJ, Miron, dr.

Resolving power of reflecting objectives. Pomiary 8 no.4;202-203 Ap '62

1. Politechnika Wroclawska

GAJ, Miron

Contrast reduction in mirror objectives. Acta Physica Pol
21 no.3:269-279 Mr '62.

1. Department of Physics, Technical University, Wroclaw.

GAJ, Miron, dr.

The bimeniscus mirror objective. Pomiary 8 no.7:332-335 Jl
'62.

1. Politechnika, Wroclaw.

GAJ, Miron

The image-contrast. Pt. 2. Acta physica Pol 22 no.3:265-283
S '62.

1. Technische Hochschule, Wroclaw.

GAJ, Miron, dr

Aspheric bimeniscus mirror lens. Pomiary 9 no.2:77-79
F '63.

1. Politechnika, Wroclaw.

GAJARI, Gyula

The fluorescent lamp and the radio reception interferences caused by it. (To be contd.). Radiotekhnika 12 no.10:330-331 O '62.

GAJARI, Gyula

Fluorescent lamp and radio disturbances caused by it. Pt.2. Radio-technika 12 no.12:434 D '62.

GAJARSKY, Teofil, promovany matematik; FABIAN, Jan, inz.

Calculation of a compressed-air distribution system on an automatic digital computer. Rudy 13 no.3:80-84 Mr '65.

1. Institute of Mechanization and Automation of the Slovak Academy of Sciences, Bratislava (for Gajarsky). 2. Faculty of Mining of the Higher School of Technology, Kosice (for Fabian).

GAJARSZKI, Imre (HG 4 YD)

Converter for 2-m amateur band. Radioteknika 12 no.9:285-286
S '62.

BIESTEK, A.; BOGUCKA, H.; GAJCY, H.; KAKOL, H.

Isolation of bacteria synthetising vitamin B12. Acta physiol. polon.
10 no.1:115-123 Jan-Feb 59.

1. Z Zakladu Badania Organoprepartow i Witamin Instytutu Lekow w
Warszawie Kierownik Zakladu: mgr. J. Iwanowska. Dyrektor Instytutu:
prof. dr P. Kubikowski.

(GASTROINTESTINAL SYSTEM, microbiology,

bact. synthetizing vitamin B12, isolation in animals
(Pol))

(VITAMIN B12,

isolation of gastrointestinal bact. synthetizing vitamin
B12 in animals (Pol))

(BACTERIA,

isolation of bact. synthetizing vitamin B12 (Pol))

KAKOL, Helena; BOGUCKA, Jadwiga; GAJCY, Hanna

Synthesis of vitamin B₂ in using of *Eremothecium ashbyii*. Acta physiol. polon. 12 no.1:181-188 Ja-P '60.

1. Z Zakladu Badania Organopreparatow i Witamin Instytutu Lekow w Warszawie. Kierownik Zakladu: mgr J. Iwanowska.
(FUNGI metab.)
(VITAMIN B₂ metab.)

BIESTAK, Alina [deceased]; KAKOL, Helena; BOGUCKA, Jadwiga; GAJCY, Hanna

Attempted synthesis of testosterone from dehydroisoandrosterone by
microbiological means. Acta physiol. polon. 12 no.6:881-886 '61.

1. Z Zakladu Badania Organopreparatow i Witamin Instytutu Lekow
w Warszawie Kierownik Zakladu: mgr J. Iwanowska.
(TESTOSTERONE^{metab})

KAKOL, Helana; BOGUCKA, Jadwiga; GAJCY, Hanna

Chromatographic determination of folic acid with the use of a strain
of Streptococcus faecalis. Acta physiol. polon. 12 no.6:869-880 '61.

I. z Zakladu Badania Organopreparatow i Vitamin Instytutu Lekow w
Warszawie Kierownik: mgr J. Iwanowska, *J. Adres autorow: Instytut Lekow,*
(CHROMATOGRAPHY) (STREPTOCOCCUS FAECALIS) Warszawa, ul. Dlugie 16.
(FOLIC ACID chem)

GAJCY, Hanna

Chromatographic determination of folic acid in yeast preparations
by means of a microbiological method with the use of Streptococcus
faecalis. Acta physiol. polon. 13 no.3:447-454 '62.

1. Z Zakladu Biochemii Instytutu Lekow Kierownik: mgr J.Iwanowska.
(FOLIC ACID chem) (CHROMATOGRAPHY)
(YEASTS DRIED chem) (STREPTOCOCCUS FAECALIS)

KAKOL, H.; BOGUCKA, J.; GAJCY, H.

Microbiological determination of folic acid in simple pharmaceutical preparations by the cup method. Acta physiol. polon. 13 no.5:671-677 '62.

1. Z Instytutu Leków w Warszawie Dyrektor: prof. dr P. Kubikowski
Z Zakładu Biochemii Instytutu Leków Kierownik: mgr J. Iwanowska.
(FOLIC ACID) (BIOLOGICAL ASSAY) (STREPTOCOCCUS FAECALIS)

KAROL, Lejman, Bielecki, Jadowska; GAJOWY, Bilewicz

Determination of vitamin B 12 (cyanocobalamin) in liver
preparations with the use of *Lactobacillus leichmannii* and
paper chromatography. *Met. dosw. mikrobiol.* 16 no.1:69-72 '64.

I. Z Zakladu Biokhemii Instytutu Lekow w Warszawie.

KAKOL, Helena; BOGUCKA, Jadwiga; GAJCY, Hanna

Biochemical analysis of liver extracts of the "crude" type
after alkaline hydrolysis. Acta physiol. Pol. 16 no.3:475-483
My-Je ' 65.

1. Zaklad Biochemii Instytutu Leków w Warszawie (Dyrektor
Instytutu: prof. dr. P. Kubikowski; Kierownik Zakladu: mgr.
J. Iwanowska).

GAJCY, S.

GAJCY, S. The role of a road instructor during the theoretical and practical examinations.
p. 90

Vol. 8, no. 4, Apr. 1956
PRZEGŁAD KOLEJOWY DROGOWY
TECHNOLOGY
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, 1957

GAJCY, S.

GAJCY, S. A plan for safeguarding passage in case of damaged signal bars. p. 117

Vol. 8, no. 5, May 1956
PRZEGŁAD KOLEJOWY DROGOWY
TECHNOLOGY
Warszawa, Poland

So: East European Accession Vol. 6, no. 2, 1957

GAJCEWSKI, J.; MOZNY, F.

Driving of piles and watertight metal sheets into the soil by vibration. p. 440.
(Gospodarka Wodna, Vol. 16, No. 10, Oct 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (REAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

GAJCZEWSKI, Jerzy (ul. Swierczewskiego 54/6, Wroclaw)

Electrokinetic petrification of compact soils by ionization. Archiw
hydrotech 7 no.2:215-245 '60. (EEAI 9:11)
(Soils) (Ions) (Electrokinetics)

GAJDA, Andrzej

While blood picture in diphtheria with special reference to the presence
of eosinophils. Pat. pol. 13 no.4:467-478 '62.

1. Z Kliniki Chorob Zakaznych AM w Gdansku. Kierownik: prof. dr med.
Wiktor Bincer.

(DIPHTHERIA) (EOSINOPHILS) (LEUKOCYTE COUNT)

GAJDA, Andrzej

Consultation clinic material on the result of observation of infectious hepatitis patients discharged from a hospital. Prezegl. epidem. 16 no.2:219-225 '62.

1. Z Kliniki Chorob Zakaznych AM w Gdansku Kierownik: prof. dr W. Bincer.
(HEPATITIS INFECTIOUS compl)

GAJDA, A., PASZKOWSKI, B., SOLTYS, Z.

"Vacuum silicon melting." p. 323. (ARCHIWUM ELEKTROTECHNIKI Vol. 2, No. 3/4.
1953. Warszawa, Poland)

SO: Monthly List of East European Accessions. (EAL). LC. Vol. 4, No.4.
April 1955. Uncl.

P/019/62/011/002/001/001
D204/D307

AUTHOR:

Gajda, A.

TITLE:

The synthesis and zone melting of gallium arsenide

PERIODICAL:

Archiwum Elektrotechniki, v. 11, no. 2, 1962, 384-
385

TEXT:

GaAs was prepared at the Zakład Elektroniki IPPT-PAN (Electronics Establishment IPPT-PAS), by direct synthesis with subsequent zone purification, from 99.9886 % pure Ga and analytical purity As. The apparatus was based on that used by Richards. The resulting coarsely crystalline 10 x 10 x 140 mm ingot of GaAs was sectioned and individual grains were tested for Hall's coefficient and resistivity. The entire ingot exhibited electronic conductance. The maximum carrier mobility of $4000 \text{ cm}^2 / \text{Vsec}$, at carrier concentration of $2.8 \times 10^{17} \text{ cm}^{-3}$ and resistivity $5.6 \times 10^{-3} \Omega \text{ cm}$, was shown by a sample cut from the centre of the ingot. The degree of compensation is therefore thought to be low in this region. Other parts of the ingot were compensated to a considerable extent. Thanks are extended to Engineer

Card 1/2

p/019/62/011/002/001/001
D204/D307

The synthesis and zone melting ...

A. Kobus for help with the measurements of the Hall coefficient and resistivity, and to Cz. Sałański who built the apparatus. There is 1 figure. The most important English-language reference is: J.L. Richards, J. Appl. Phys., 31, 600, (1960).

ASSOCIATION: Zakład Elektroniki (Electronics Establishment)

SUBMITTED: November 6, 1961



Card 2/2

P/053/62/000/006/001/009
I010/I210

AUTHOR: Gajda, Antoni

TITLE: Synthesis of gallium arsenide

PERIODICAL: Przeglad Elektroniki, no.6, 1962, 297-301

TEXT: The work was based upon the Richards' synthesis setup. (J. Appl. Phys. V.31, p.600, 1962). A closed quarz ampoule containing arsenic at one end was heated to 600°C, bringing the pressure of arsenic vapors to 0.9 Ata. A second oven heated the gallium container to higher than 600°C. A chinese gallium containing Zn-0.0039%, Pb-0.007%, Cu-0.0004%. Fe-0.0001% was used for the synthesis. The arsenic was obtained by vacuum distillation of a domestic arsenic (obtained from the transistors factory TEWA). Analysis of the arsenic was not made, but a material of similar origin contained: Cu-10-5%

Card 1/2

P/053/62/000/006/001/009
I010/I210

Synthesis of gallium arsenide

Si- $10^{-5}\%$, Mg- $10^{-4}\%$, Sb- $10^{-3}\%$. Out of the ingot obtained plates of 0.6mm thickness were cut and measurements of the Hall coefficient - R_H and specific resistance were made. Measurements were made at a steering current of 50mA and in a 4.9 kGs magnetic field. The material obtained was of the n-type. N-p junctions obtained by melting in of the alloy Ag-Zn on a material cut out from the middle of the ingot showed a photo-effect of $E = 0.75V$. Back voltage is slightly higher than 6Vm and back current at 4V is lower than 1uA. A tendency for the growing of big crystals and the elimination of the smaller ones was observed. With better raw materials and improved technology, the growing of monocrystals should be possible. The middle part of the material is suitable for the construction of photodiodes, and microwave parametric diodes. Most of the material obtained is suitable for tunnel diodes. There are 3 figures and 1 table.

ASSOCIATION: Zaklad Elektroniki IPPT-PAN (IPPT-PAN Electronic Plant)

Card 2/2

CHROSTOWSKA, Halina; GAJDA, Andrzej; LAWRYNOWICZ, Jolanta

Value of thymol turbidity tests in the examination of viral hepatitis patients discharged from a hospital. Prezegl. epidem. 16 no.2:227-230 '62.

l. Z Kliniki Chorob Zakaznych AM w Gdansku Kierownik: prof. dr
W. Bincer.
(HEPATITIS INFECTIOUS diag) (LIVER FUNCTION TESTS)

GAJDA, Andrzej

Leptospirosis. Pol. tyg. lek. 20 no. 39:1455-1457 27 S '65.

1. Z Kliniki Chorob Zakaznych AM w Gdansku (Kierownik: prof.
dr. Wiktor Bincer).

CAJIA, E.

CAJIA, E. Organizational principles of the dispatching system of Soviet
railroads. p. 325.

Vol. 7, No. 9, Sept. 1955

PRACŁAD KOLEJOWY

TECHNOLOGY

Warszawa, Poland

So: East Europeon Accession, Vol. 5, No. 5, May 1956

CAJDA, E.

CAJDA, E. Operational outline of the dispatching service on railroads
of the USSR. p. 373.

Vol. 7, No. 10, Oct. 1955

PRZECIAD YCI EJCWY

TECHNOLOGY

Warszawa, Poland

So: East European Accession, Vol. 5, No. 5, May 1956

CAJDA, B.

CAJDA, B. Methods of analyzing useful work done on Soviet railroads. p. 410.

Vol. 7, No. 11, Nov. 1955

PRZEGLAD KOLEJCZY

TECHNOLCGY

Warszawa, Poland

So: East European Accession; Vol. 5, No. 5, May 1956

GAJDA, B.

Operational planning of the local work of the operation department on Soviet railroads. p. 450.
Vol 7, no. 12, Dec. 1955. PRZEGLAD KOLEJOWY. Warsaw, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

GAJDA, E.

"Gypsum and its accessory minerals in Dobrzyn on the Wisla River." p.91
(WIADOMOSCI MUZEUM ZIEMI, Vol. 6, no. 1, 1952, Warszawa, Poland.)

SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress,
August, 1953, Uncl.

GAJDA, Eugenia

Pegmatite veins in the surroundings of Szkłarska Poręba, Riesengebirge.
Kwartalnik geol 4 no.3:545-564 '60.

I. Zakład Petrografii i Geochemii Instytutu Geologicznego w Warszawie.

GAJDA, Eugenia

Minerals of pegmatite veins in the surroundings of Szklarska Poreba,
Riesengebirge. Kwartalnik geol 4 no.3:565-584 '60.

1. Zaklad Petrografii i Geochemii Instytutu Geologicznego w Warszawie.

GAJDA, Eugenia

On some ore minerals of the copper deposit at Miedzianka near
Checiny. Kwartalnik geol 5 no.4:941 '61.

1. Zaklad Mineralogii i Petrografii, Instytut Geologiczny,
Warszawa.

GAJDA, Franciszek

Advantages of coal working with compressed air. Wiedom gorn 14
no.5:146-147 My '63.

1. Technik strzelniczy, Kopalina Brzeszcze, Brzeszcze.

GAJDA, Jakub, inz.

Ostrava locomotive depot during the 1963 winter season. Zel
dop tech ll no. 5146-147 '63.

GAJDA, J.

For the introduction of order in European broadcasting. p. 49.
SLABOPROUDY OBZOR, Prague, Vol. 15, no. 2, Feb. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, no. 6 June 1956, Uncl.